

Title (en)

Plasmids and cells for heterologous expression of metallothioneins and processes for producing and using the metallothionein.

Title (de)

Plasmide und Zellen für die heterologe Expression von Metallothioneinen und Verfahren zur Herstellung und Verwendung des Metallothioneins.

Title (fr)

Plasmides et cellules pour l'expression hétérologue de métallothionéines, et procédés pour la production et l'utilisation de métallothionéine.

Publication

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Application

EP 82305599 A 19821021

Priority

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Abstract (en)

Methods and compositions are provided for producing metallothioneins by recombinant DNA techniques. An expression vector containing a heterologous gene coding for metallothioneins is produced and transformed into a suitable host organism, from which metallothionein can be expressed. The metallothioneins can be used in vivo or in vitro for extraction and concentration of heavy metals. The invention described herein was made in the course of work under a grant or award from the Department of Health and Human Services.

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IPC 8 full level

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CPC (source: EP)

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Cited by

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